

What is claimed is:

1. A method of manufacturing an active matrix liquid crystal display device, wherein liquid crystals are made monostable by an electric field between pixel electrodes and electrodes opposite said pixel electrodes, while electric voltages having the same polarity are applied to said pixel electrodes.

2. A method of manufacturing an active matrix liquid crystal display device, wherein liquid crystals are made monostable by an electric field between pixel electrodes and electrodes opposite said pixel electrodes, while electric voltages having the same polarity are applied to said pixel electrodes and ultraviolet rays are irradiated to said liquid crystals.

3. A method of manufacturing an active matrix liquid crystal display device, wherein there is a period in which all gate wirings are selected simultaneously and wherein liquid crystals are made monostable by an electric field between pixel electrodes and electrodes opposite said pixel electrodes, while electric voltages having the same polarity are applied to said pixel electrodes.

4. A method of manufacturing an active matrix liquid crystal display device, wherein there is a period in which all gate wirings are selected simultaneously and wherein liquid crystals are made monostable by an electric field between pixel electrodes and electrodes opposite said pixel electrodes, while electric voltages having the same polarity are applied to said pixel electrodes and ultraviolet rays are irradiated to said liquid crystals.

5. The method of manufacturing an active matrix liquid crystal display device according to any one of claims 3 and 4, wherein a gate start pulse is maintained at a constant voltage and wherein said gate wirings are placed in a state of being simultaneously selected.

6. A method of manufacturing an active matrix liquid crystal display device comprising:

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- forming a first conductive film on a first substrate;
forming an insulating film on said first conductive film;
forming a thin film transistor on said insulating film;
forming a second conductive film on a second substrate;
5 providing a liquid crystal between said thin film transistor and said second conductive film; and
applying an electric field to said liquid crystal by said first conductive film and said second conductive film so that said liquid crystal is made monostable.
7. A method of manufacturing an active matrix liquid crystal display device including:
forming a first conductive film on a first substrate;
forming an insulating film on said first conductive film;
forming a thin film transistor on said insulating film;
forming a second conductive film on a second substrate; and
providing a liquid crystal between said thin film transistor and said second conductive film;
15 wherein said liquid crystal is made monostable by an electric field applied to said liquid crystal by said first conductive film and said second conductive film while ultraviolet rays are applied to said liquid crystal.
- 20 8. A method of manufacturing an active matrix liquid crystal display device including:
forming a first conductive film on a first surface of a first substrate;
forming a thin film transistor on a second surface opposite to said first surface of said first substrate;
25 forming a second conductive film on a second substrate; and
providing a liquid crystal between said thin film transistor and said second conductive film;
30 wherein said liquid crystal is made monostable by an electric field applied to said liquid crystal by said first conductive film and said second conductive film while ultraviolet rays are applied to said liquid crystal.

9. The method of manufacturing an active matrix liquid crystal display device according to any one of claims 1 to 8, wherein said liquid crystal is a smectic liquid crystal.

5 10. The method of manufacturing an active matrix liquid crystal display device according to claim 9, wherein said smectic liquid crystal is a ferroelectric liquid crystal.

11. The method of manufacturing an active matrix liquid crystal display device according to any of claims 1 to 8, wherein said liquid crystal is a mixture of a polymer material and a liquid crystal.

12. The method of manufacturing an active matrix liquid crystal display device according to claim 11, wherein a polymerization agent is added to said polymer material.

13. The method of manufacturing an active matrix liquid crystal display device according to claim 12, wherein said polymerization agent has optical polymerization or thermal polymerization properties.

14. The method of manufacturing an active matrix liquid crystal display device
20 according to any one of claims 1 to 8, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a portable phone, a video camera, a mobile computer, a head mounted display, a television set, a portable book, a personal computer, a player, a digital camera, a front-type projector and a rear-type projector.

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